

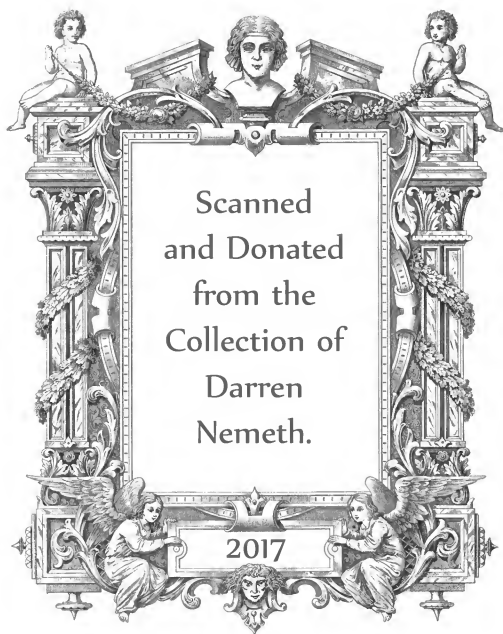
HOME MOVIES

with the

CINÉ-KODAK








Home Movies

with the

Ciné-Kodak

*Ciné-Kodak, Kodascope
and Kodak Equipment for
Amateur Movies*



Eastman Kodak Company
Rochester, New York
The Kodak City

MAY, 1928

FOREWORD

HISTORY *has repeated itself. It was Eastman Film that, many years ago, first made motion pictures practical. It is a discovery of the Kodak Research Laboratories and the result of countless tests and investigations that have produced Ciné-Kodak Film and made motion pictures practical for the amateur.*

The makers of this new 16 mm. film—whose width has been accepted the world over as the amateur standard—have perfected the Ciné-Kodak, an amateur motion picture camera that, in quality and dependability, is a fit companion to the film. All that the amateur cinematographer can hope for in the way of ease and economy of operation and in picture results is embodied in the Ciné-Kodak.

The following pages tell, briefly, the story of the Ciné-Kodak.



When it's playtime, have Cine-Kodak there

HOME MOVIES

with the

CINÉ-KODAK

N

OW you can make movies.

Just as the Kodak gave you amateur photography years ago, now the Ciné-Kodak has opened wide the door of cinematography. Anyone can make still pictures with the Kodak—and anyone can make motion pictures with the Ciné-Kodak. Through the Kodascope, your home movies can be shown on the screen, wherever and whenever you desire.

Heretofore, still pictures have retained for you many precious memories of the past—loved ones and friends; the children, now grown to maturity; your sports; your hobbies; your travels; your vacations—never-to-be-forgotten moments of the past.

But now the past can literally be lived again, at will. Through the medium of the home movie, you can sit in the comfort and quiet of your own living room and enjoy the happy moments of your life again and again. Motion pictures easily and economically achieved with the Ciné-Kodak, perpetuate those precious memories, and Kodascope repeats them at will.

Until recently, there have been outstanding obstacles to make the enjoyment of the personal movie almost impossible. But



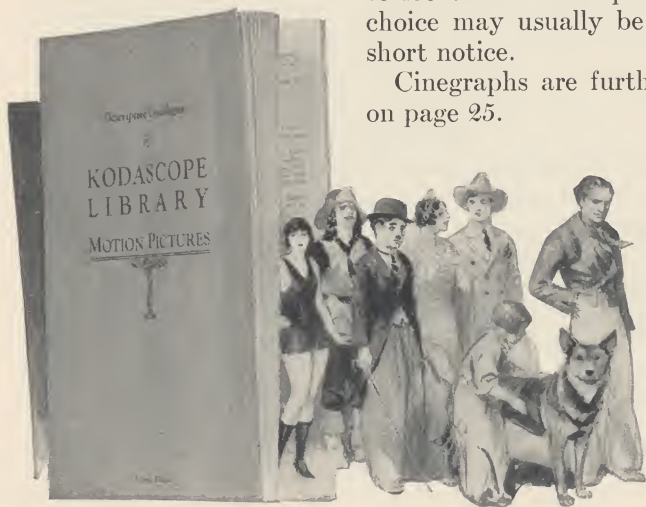
Ciné-Kodak has now swept these barriers aside, and its three major features—ease of operation, economy, and compactness—place the home movie within the reach of everyone.

A Picture Library

NOR are you limited to showing the pictures *you* have made. There are available for permanent acquisition to your picture library, Cinegraphs which may be obtained from your Ciné-Kodak dealer. Cinegraphs are 100-, 200- and 400-foot reels including such subjects as comedy, drama, travel, animated cartoons and educational pictures. New releases are offered each month so that you may secure new offerings for your screen exactly as you now buy new records for your phonograph.

Hundreds of full-length professional photoplay releases are also available on a rental basis, through Kodascope Libraries, for the home show. Many of the world's best-known motion picture stars are ready to enter your home and entertain you with comedy or drama. And Kodascope Library branches (see page 35) are so located that the picture of your choice may usually be obtained at short notice.

Cinegraphs are further described on page 25.



Ease of Operation



At waist height

THE amateur's enjoyment of cinematography depends primarily on the quality of the pictures he is able to produce. The outstanding feature of the Ciné-Kodak is its capacity to produce the best possible motion pictures—pictures that for photographic quality are equal to those obtainable with professional equipment—and to accomplish this with characteristic Kodak ease and the minimum of expense. The owner of a Ciné-Kodak, who follows a few very simple directions, will get surprisingly good results—so good, in fact, that when he sees his pictures on the screen he will not only be delighted,

but will wonder all the more at the ease with which he obtained them.

Compact and easily operated as it is, the Ciné-Kodak lacks nothing that practical work requires. It has capacity for 100 feet of film—enough to photograph action for a screen showing of over four minutes. This precludes the probability of running short of film in the midst of action and also provides sufficient length without reloading for a wide variety of subjects. Linked with these features is that mechanical nicety and smoothness of operation by means of which Ciné-Kodak assures steady pictures for the screen.



At eye level



Ciné-Kodak, Model B, with f.3.5 lens

CINÉ-KODAK, MODEL B

f.6.5 and f.3.5 lens equipments

*The Simplest of All
Home Movie Cameras*

CINÉ-KODAK, Model B, is the ideal hand camera for the home motion picture. It is designed to meet every requirement of the amateur who, with or without previous photographic experience, anticipates making good motion pictures from the very start. In compactness and simplicity of operation, Ciné-Kodak, Model B, is actually a motion picture Kodak, in size approximating the closed 3A Kodak; fully loaded, it weighs but five pounds. No tripod is required.

Ciné-Kodak B is spring-motor driven; no cranking is necessary. The fixed focus feature of the models *f.6.5* and *f.3.5* leads to a fast getaway for quick-action movies, for all one needs to do is point the camera at scene or subject and press the lever. Instantly the action is registered on the film. Complicated and bothering details are at once discarded, even to exposure changes, for a guide beneath the lens tells which diaphragm opening to use for the



Comparative size of Ciné-Kodak B, f.3.5, and 3A Kodak

prevailing light condition relating to various subjects, and when the correct "stop" is selected a turn of the pointer makes the adjustment. (See page 10.)

When using either of the Ciné-Kodaks, Model B, the amateur has two finders at his disposal. First, there's the Reflecting Finder on top of the camera, inset at the forward right-hand corner. This finder permits you to hold the Ciné-Kodak at waist level, a position with which all Kodak users are already thoroughly familiar. Second, there's the Sight Finder, adapting the camera for sighting the action at eye level—a position particularly adapted for making panoramic views. Either finder gives a brilliant image of what is being filmed.

The amount of unexposed film remaining in the camera is never a matter of guesswork; a footage meter is located on top of the Ciné-Kodak and quickly shows how much film is left for further exposure.

Whether the Ciné-Kodak, Model B, that you select has the f.6.5 or the f.3.5 Kodak Anastigmat lens equipment, it is always a fixed focus camera—which means that it's always ready for the unexposed picture possibility, without the bother of focusing. In size, weight, mechanical features, and simplicity of operation, Ciné-Kodak B, f.6.5, and Ciné-Kodak B, f.3.5, are exactly the same. In fact, the only difference is in the matter of lens speed, plus, on the Kodak Anastigmat f.3.5 equipped outfit, an ingenious



Any child is a Ciné-Kodak chance

feet from the subject—charming close-ups, properly focused without the bother of considering the distance element. When pressure on the lever is released, the portrait attachment automatically swings back out of the way. In addition to its other advantages, Ciné-Kodak, Model B, permits the operator to get into the picture himself. All that is necessary is a tripod or other rigid support. With the outfit so mounted, press the lever; a catch holds it and you are free to appear in the picture, or to direct it. (For details and prices, see pages 26 and 28.)

The built-in exposure guide, a feature of the Ciné-Kodak, Model B, enables the operator to tell at a glance the correct diaphragm opening and to set it instantly.

device that assures sharp close-ups with the larger diaphragm openings. When a close-up is desired, a lever at the side of the lens swings an extra lens (portrait attachment) in front of the $f.3.5$ lens. Instantly you are ready for the picture made with the camera at 2 to 5





CINÉ-KODAK, MODEL B

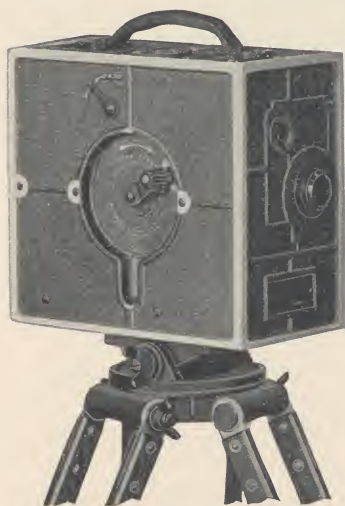
f.1.9 lens equipment

IN every respect except lens equipment, the Ciné-Kodak, Model B, *f.1.9*, is similar to the models *f.6.5* and *f.3.5*. But this camera is equipped with the ultra-fast Kodak Anastigmat *f.1.9* lens—a lens that is over three times as fast as the *f.3.5*, and more than ten times as fast as the *f.6.5*. This means that it can be used in many surroundings in which successful picture-making would ordinarily be out of the question.

Here is equipment that definitely increases the range of picture possibilities. With this ultra-fast lens, even a shaded porch can be utilized as a studio. And, with the subject up close to a good window, with bright light outside, Ciné-Kodak B, *f.1.9*, will even make pictures indoors without artificial light.

Like all high-speed lenses, this lens is furnished in a focusing mount, for accurate focus from 2 feet to infinity. The camera may be used, however, as a *fixed focus camera* with stops *f.5.6* or smaller, by setting the distance scale at 25 feet. It will, with these stops, sharply cover all objects from 8 feet to infinity. For objects less than 8 feet distant, the camera must be focused, even when the small stops above referred to are in use.

In actual operation, this camera is the same as the models *f.6.5* and *f.3.5*. (For details and prices, see pages 26 and 28.)



Ciné-Kodak, Model A—hand-cranked

For the Advanced Amateur

AS complete as is this movie equipment for amateur use, there are still those who will want to delve deeper into the technical side of amateur cinematography. These will want a hand-cranked outfit with special lenses suitable for a more specialized type of photography. Thus the serious worker, the advanced amateur, the surgeon, the scientist, the naturalist and others will appreciate Ciné-

Kodak, Model A, which is equipped with the ultra-fast Kodak Anastigmat $f.1.9$ lens, interchangeable with a long-focus $f.4.5$ lens for telephoto work.

With this equipment, slow motion pictures are easily obtained by fitting a special attachment to the camera in place of the regular crank. Animated cartoons, progressive titles and similar effects are also easily achieved with the Single Picture Attachment which, when affixed to the camera, exposes but one frame of the film at each complete revolution of the crank.

The long-focus $f.4.5$ lens, interchangeable with the $f.1.9$, makes possible the highly fascinating telephoto pictures. This lens gives the Ciné-Kodak greater range and permits the photographing of close-ups of distant scenes. This advantage makes instant appeal to the naturalist or the sportsman who seeks the unusual in home motion pictures.

(For details and prices of Ciné-Kodak, Model A, see pages 26 and 28.)



Safety in Projection

SAFETY in projection must be a fundamental principle of the home movie; there can be no possibility of danger. The Kodascope and Eastman Safety Film combine to meet every precaution against any hazard of fire so that you may show your movies with a feeling of complete security.

Eastman Safety Film is identified by the words **KODAK SAFETY FILM** in black letters on the margin. This film may be run in projectors with complete safety under the conditions that obtain in the home. No booth is required, of course, and no extra precautions need be taken.

Economy of Operation

CINEMATOGRAPHY with the Ciné-Kodak and Kodascope is not only easy and fascinating, but comparatively inexpensive as well. Specifically, it has cost the amateur using a camera with professional standard 35 mm. ($1\frac{3}{8}$ -inch) width film approximately six times as much to make the negative and project the picture on the screen as it now costs him with the Ciné-Kodak.

And yet these pictures, secured at this significant saving, are fully equal for home projection to those obtained with standard width film. This great saving in cost, without sacrifice of either quality or length of picture, has been made possible to a large extent through the introduction of Ciné-Kodak Film (16 mm. amateur standard). The various economies involved are as follows:

Ciné-Kodak Film is only $\frac{5}{8}$ of an inch in width as against $1\frac{3}{8}$ inches for professional film. Being less in width, each picture is proportionately less in height, so that 400 feet of Ciné-Kodak Film give the same period of projection on the screen as 1,000 feet of standard commercial film. In screen running time, 400 feet of Ciné-Kodak Film may be compared to the average news reel, as shown in your favorite movie theatre.

With professional standard motion pictures, the negative must be developed, a print made from it on positive film, and the



positive developed. Through the newly devised photographic emulsion on Ciné-Kodak Film, and through a special chemical process, the film is first developed and then, without printing, reversed from a negative to a positive—virtually one operation as compared with three.

Ciné-Kodak Film is finished in laboratories equipped and organized for this specialized finishing process alone. Hence the amateur who uses this film is able to save a great deal over the former method.

Cut on the left shows two sections of standard (35 mm.) film. At the top is the negative from which the positive (at the bottom) is printed. This process is very costly as compared to 16 mm. amateur standard film (right) which is processed, ready for your projector in a single operation. The film that is originally exposed in the camera is the identical film which is projected in your Kodascope.



Ciné-Kodak Panchromatic Film

A RECENT development of the Kodak Research Laboratories is Ciné-Kodak Panchromatic Film which, like ordinary Ciné-Kodak Film, owes its economy and success to the famous reversal process.

Panchromatic Film differs from ordinary film in that it is sensitive to light of all colors. Thus, with Panchromatic Film, the monochrome reproduction on the screen shows all colors more nearly in their accurate relationship, one to the other.

Ordinary film is sensitive chiefly to blue and violet while to the eye green and red are brighter colors. As a natural result there is a great difference between the brightness of colors as reproduced in photographs and as seen by the eye. This difference is largely corrected through the use of Panchromatic Film.

The advantages of Panchromatic Film will be found in all fields of motion picture photography. In portraits, and especially in close-ups, the rendering of the flesh tones is greatly improved. Colors, whether occurring in costumes or in landscapes, are rendered with much greater fidelity in their appearance to the eye; and the quality of distant views, especially when a color filter is used, is much improved. Clouds, especially, assume a beauty that ordinary film cannot possibly produce.

While Panchromatic Film is strongly sensitive to red, yellow and green, it still has an excess sensitiveness to blue and violet as compared with the eye. For this reason, a yellow color filter is used on the lens when the elimination of the excess effect of blue and violet is desirable, the blue and violet light being absorbed by the yellow filter. This filter is very valuable when it is desired to photograph a landscape or garden so as to get the best rendering of the foliage. It also lends great beauty to clouds.

Summing up, Ciné-Kodak Panchromatic Film provides a material just as easily used as regular Ciné-Kodak Film and it gives to your pictures a new quality, a new realism, and a new beauty.

For prices, see pages 28 and 30.



Your dealer will send your film to the finishing station, if you desire

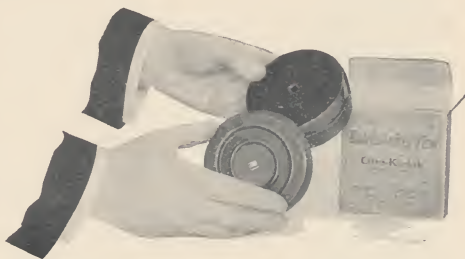
Finishing the Pictures

IN the early days of amateur picture-making, the Eastman Kodak Company said, "You press the button; we do the rest." Now motion picture-making has been made just as easy for you. "You press the button; we do the rest" is still the slogan. It is literally true.

When you have photographed a roll of pictures with the Ciné-Kodak, place the reel in the magazine in which it was received, enclose the magazine in the original yellow carton and take it to your dealer, who will send it to the nearest finishing station. Or you may send it direct to the Eastman Kodak Company, Rochester, N. Y., or to any one of the finishing stations listed on page 36. The film is developed, reversed to a positive and returned, parcel post prepaid, to any point in the country in which the film is finished.

This expert service—the assurance that your film receives careful treatment by skilled workmen—is included in the purchase price of the film. You pay for the finished positive when you buy your roll of unexposed film.

The finishing of Ciné-Kodak Film is comparable, so far as the picture-taker is concerned, to the finishing of Kodak Film. And, because of the many finishing stations, your movies may be finished and returned to you almost as quickly as a snapshot or "still" picture.



When mailing your own film, enclose it in the original yellow carton

Securing Duplicate Films

WHILE every movie that you make is intensely interesting to you and yours, certain films have unusual value because of the subjects or incidents that they show. Such pictures as these you will want to guard for the future. And yet, of course, you will want them for present-day showing as well.

Ciné-Kodak film and the reversal process make this all a very simple matter. Ciné-Kodak duplicates so closely approach the originals in quality that it is virtually impossible to distinguish between them, even when they are viewed side by side. None but an expert can tell the difference—and frequently he is deceived.

Another outstanding feature peculiar to the reversal process is that, in both original and duplicate, there is a conspicuous absence of any “grainy” effect on the screen. The reversal process does away with this disappointing result. This marked lack of graininess in the original is just as apparent in the duplicate. Between the two, in this very essential quality, no difference whatever exists.

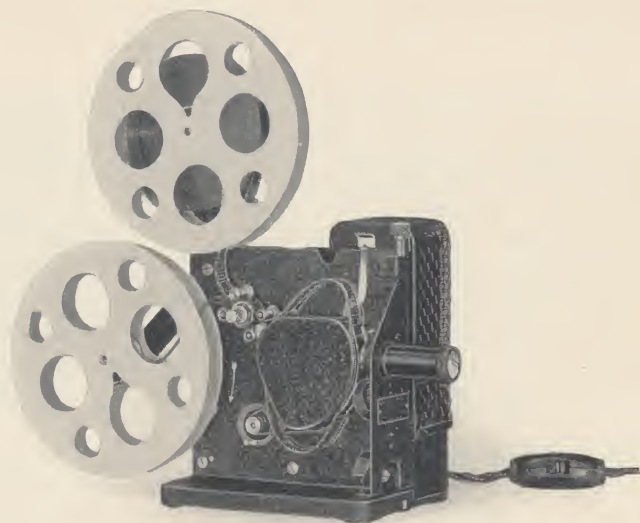
In making a Ciné-Kodak original, it is not necessary to print from a negative. Expensive steps are done away with. The result is a substantial saving. Specifically, Ciné-Kodak film and the reversal process provide the most economical means known of securing both an original and a duplicate. No other method or material can compete with it in the home movie field.

And the cost for duplicates is little—\$5 for 100-foot lengths and \$3.50 for 50-foot lengths.

Titling and Editing Service

MANY amateur cinematographers prefer to make their own titles. But there are some who prefer to have their titles made for them; for these, complete titling service is maintained at Rochester, Chicago and San Francisco.

Editing service is also available at all finishing stations. Through this service, 100-foot lengths are spliced into continuous 400-foot reels to permit an uninterrupted screen performance of sixteen minutes.

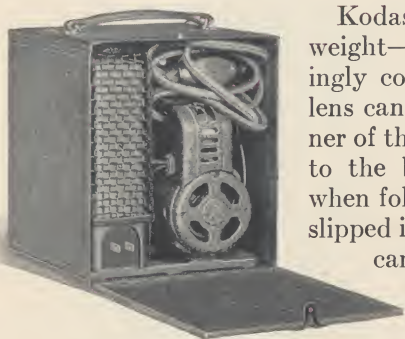


Kodascope, Model C

KODASCOPE, MODEL C

Economical and Easy to Operate SECOND only to the camera in importance is the projector, which makes possible the showing of pictures on the screen. The beauty of a picture may be greatly enhanced or, on the other hand, lost almost entirely, by the manner in which it is projected. The ideal projector is a quiet, smoothly-running, easily operated machine that assures clear, flickerless pictures.

Kodascope, Model C, combines all these necessary elements, and projects a clear, sharp, fully illuminated 30 x 40-inch picture when placed but 18 feet from the screen. Kodascope C accommodates 400 feet of 16 millimeter amateur standard motion picture film, which is equivalent in projection time to 1,000 feet of professional standard 35 millimeter film. (About sixteen minutes.) One empty 400-foot reel comes with the projector.



Kodascope C and one reel fit snugly into this handy carrying case

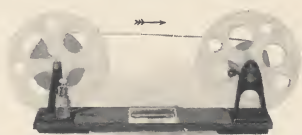
Kodascope C is small in size, light in weight—about 9 pounds—and exceedingly compact. When not in use, its lens can be clipped to a protected corner of the base and the reel arms folded to the body. Its greatest dimension, when folded, is 8 inches, and it may be slipped into a handy traveling case and carried anywhere.

Threading and operation could scarcely be more simple; there is but one sprocket, and the focus is adjusted by a turn of the lens barrel. Kodascope C is electrically operated, of

course. You can plug it in on any house lighting circuit, 105 to 125 volts, either alternating or direct current. It may also be equipped with a special rheostat which adapts it to 210-250-volt circuits, or a special model may be obtained for use with the 32-volt current as furnished by home generator systems. For farms or country estates where there is no electric power supply, a six-volt model, illumination for which is obtained from an ordinary storage battery, is obtainable. This model is hand-operated.

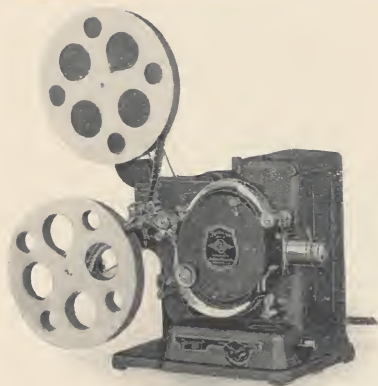
Although essentially a motion picture outfit, Kodascope C projects "still" pictures as well; the mechanism can be stopped at will, and a single frame of the film can be viewed without motion.

Except on the six-volt model, rewinding of the film is accomplished by adjusting a belt on the side of the machine and snapping the switch. A quick-acting, motor-driven rewind performs the operation in a few seconds. With the six-volt model, rewinding is done by hand. (For details and prices, see pages 27 and 28.)



KODASCOPE REWIND

A convenient accessory. Quickly attached to any table, it permits you to rewind reels during the performance



Kodascope, Model B

KODASCOPE MODEL B

KODASCOPE, Model B, represents the ultimate in home motion picture projectors. Many new and unique features, chief of which is its ability to thread itself, have earned for it the appellation, "the projector that's almost human."

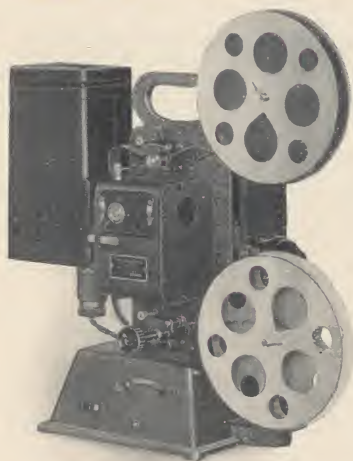
To thread Kodascope, Model B, the operator merely slips the end of the film into an oblong slot and turns on the motor. The film streams smoothly through, and—the show is on!

When the show is over, a high-speed, motor driven rewind spins the film swiftly back on the supply reel. This operation requires but a few seconds.

Other important features are the framing device, which centers the picture on the screen without shifting the illuminated area, and a positive "still" picture attachment that automatically throws a heat-absorbing screen between the lamp and the film, thus protecting the film frame from the heat of the lamp.

Further improvements, such as a reversible motor, adjustable rheostats for both motor and lamp, low center of gravity, non-tarnishing fittings, light weight and easy portability, combine to make this projector the finest piece of amateur motion picture equipment ever offered. All fittings are chromium plated. This projector stands alone in the home movie projector field.

Kodascope, Model B, is packed in a velvet-lined carrying case, and is furnished with one extra lamp, two 400-foot reels, one humidor can, one splicing outfit, and one oiling outfit. (For details and prices, see pages 27 and 28.)



Kodascope, Model A

Kodascope Model A

AS efficient as is Kodascope C, there are occasions when a bigger picture is desirable. For the school, the club, or the church gathering, or for the larger audience in the more spacious drawing-room, Kodascope, Model A, with the 200-watt lamp, easily and efficiently qualifies, projecting a fully illuminated 39 x 52-inch picture with the equipment placed at 23 feet from the screen. A

special 5-inch lens, which projects a 39 x 52-inch picture at 57½ feet from the screen, can be obtained from your dealer.

Like the smaller model, Kodascope, Model A, can be plugged in on any ordinary house circuit, or a special rheostat is obtainable which adapts it to the 210-250-volt circuits. A 32-volt Kodascope A, for use with the Delco or other home generator systems, is also available.

Kodascope A weighs 25 pounds, but it's so constructed that with or without a carrying case, transportation presents no difficulty. The Model A is equipment essentially built for the amateur and yet it has many of the "trimmings" of the professional outfit. For example, an adjustable resistance and an ammeter are provided so that the 200-watt lamp may always receive the proper amount of current. The speed of the mechanism is regulated by a voltage control.

Like the Model C, operation is simplicity itself; after a few adjustments the operator is free to join the audience. "Still" pictures are also easily possible with Kodascope A.

(For details and price of Kodascope A, see page 28.)



*Kodascope Screen No. 1 or No. 2
open for projection*

KODASCOPE SCREENS

OF first importance in successful projection is the use of a proper screen. The best results cannot be obtained with ordinary canvas or cardboard. For this reason, Eastman screens are "silver surfaced," and treated to enhance the quality, brilliancy and detail of the projected picture.

There are five models of Kodascope silver-surfaced screens:

SCREEN NO. 0 has a maximum dimension of $34 \times 27\frac{3}{8} \times \frac{5}{8}$ inches, and a silvered surface of 22×30 inches; weight, 7 pounds.

SCREEN NO. 1A has a maximum dimension of $43\frac{3}{4} \times 35\frac{1}{8} \times 1\frac{3}{16}$ inches; silvered surface, 30×40 inches—weight, 16 pounds.

SCREEN NO. 1 is built on the curtain principle; mounted on a spring roller, it collapses into a box receptacle.

Encased, Screen No. 1 measures $46 \times 4\frac{1}{4} \times 5$ inches. Unrolled, the curtain surface is 30×40 inches—weight, 14 pounds.

SCREEN NO. 2, for Kodascope A, is built exactly like the No. 1, only larger. Encased, the dimensions are but $57 \times 4\frac{1}{2} \times 5$ inches; unrolled, the curtain surface is 39×52 inches. Weight, $17\frac{1}{2}$ pounds.

SCREEN NO. 00 is designed for use by salesmen, but is adaptable for use in the home, camps or anywhere that a small folding screen is needed. The reflecting surface is 10×13 inches and, when open, is shielded by side flaps and a cover for daylight use.

PRICES

Kodascope Screen, No. 00.....	\$ 4.00
Kodascope Screen, No. 0.....	10.00
Kodascope Screen, No. 1A.....	15.00
Kodascope Screen, No. 1.....	25.00
Kodascope Screen, No. 2.....	35.00

THE KODALITE

CINÉ-KODAK is not confined to motion pictures in sunlight, or even in daylight. With the Kodalite, close-ups and full figures indoors, as well as motion pictures at night, are easily possible; the amateur can make motion pictures indoors or out at any time of day or night that he may desire.

Innumerable picture possibilities, not common in natural light, are opened by the Kodalite. Children always are splendid subjects for the Ciné-Kodak, whether in daylight about their outdoor play, or in the evening with their books and their toys. Kodalite adds new charm to the opportunities of recording their playtime activities by making possible intimate scenes in the nursery or playroom that are denied by the limitations of the ordinarily available light.

With the Kodalite many interesting events in the home may be filmed, such as the weekly bridge affair, Sonny with his soap bubble pipe, the youngsters in the playroom or on the way to bed, friends dropping in, and dozens of other like events. Backlighting and many of the beautiful effects seen in professional pictures are possible with the Kodalite.

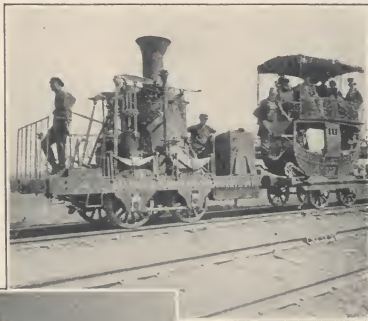
The Kodalite is distinguished by economy of operation, easy handling, and an absolute maximum of illumination. A 500-watt lamp is employed instead of the usual 1000-watt type, insuring an appreciable saving in current consumption.

The Kodalite is priced at \$25. This includes a connecting cord and switch. The 500-watt lamp, either 100- or 110-volts, is priced at \$4.85. The Kodalite Diffuser is priced at \$1.50.





Above—"Grass"



*Above—"One
Hundred Years of
Railroad Develop-
ment"*

*Center — "Roose-
velt Memorial"*



*Below—"Amer-
ica Goes Over"*

*Below—"Amer-
ica Goes Over"*



A page of "stills" from Kodak Cinegraphs

Professional Releases, Also, May be Shown in Your Own Home

Kodascope Libraries and Kodak Cinegraphs **A**LTHOUGH the movies you make are completely fascinating, it is often desirable to supplement the home program with other photoplays. Here the Kodascope offers still another valuable feature to the home entertainment.

Hundreds of thousands of feet of professionally made pictures have been leased for use in the Kodascope through the Kodascope Libraries, Inc., branches of which have been established at strategic points throughout the country.

A catalog of these films is issued at frequent intervals so that you may select the subjects you desire—comedies, dramas, animated cartoons, travelogues or educational pictures.

Kodak Cinegraphs

KODAK Cinegraphs are short reels (100-, 200- and 400-foot lengths) of subjects such as comedy, drama, animated cartoons, travelogues, sport and educational pictures, which can be purchased outright and added to the picture library of your own making. Many of these short reels are excerpts from professional releases. Each Cinegraph is complete in itself.

New reels are released each month, and the amateur is enabled, at little cost, to build a permanent, up-to-date library of professional pictures to supplement those of his own making.

Official U. S. Government motion pictures of the World War, made under fire in France, are also available for addition to the home library in five 200-foot Cinegraphs, or as a complete deluxe edition, "America Goes Over." This war classic, together with an eight-compartment humidor can, is priced at \$150.00.

Cinegraphs are printed on 16 millimeter Safety Film, and with few exceptions, are priced at \$7.50 per 100 feet.

DETAILS

Ciné-Kodak, Model B—f.6.5 and f.3.5 lens equipments

Size: $8\frac{3}{16} \times 5\frac{9}{16} \times 3\frac{1}{16}$ inches. *Weight:* 5 pounds (loaded). *Body:* Aluminum, covered with black leather. *Daylight loading:* Length of film, 50 or 100 feet. *Spring Motor Driven:* One winding sufficient to expose 20 feet of film. *Capacity* without reloading: Sufficient to photograph action for a screen showing of over four minutes. *Lens:* Kodak Anastigmat f.3.5 or f.6.5. *Focus:* fixed. *Finders:* Reflecting Finder for use at waist height, Sight Finder for direct view at eye level. *Footage Indicator:* Automatically registers amount of film unexposed. *Exposure Guide:* On camera.

Ciné-Kodak, Model B—f.1.9 lens equipment

Size: $9\frac{5}{8} \times 5\frac{9}{16} \times 3\frac{1}{16}$ inches. *Weight:* 5 pounds (loaded). *Body:* Aluminum, covered with black leather. *Daylight Loading:* Length of film either 50 or 100 feet. *Spring Motor Driven:* One winding sufficient for exposing 20 feet of film. *Capacity* without reloading: Sufficient to photograph action for a screen showing of over four minutes. *Lens:* Kodak Anastigmat f.1.9. Focused by a turn of the lens barrel. *Two Finders:* Reflecting Finder for use at waist height, Sight Finder convenient for direct view at eye level. *Footage Indicator:* Automatically registers the amount of film unexposed. *Exposure Guide:* On camera.

Ciné-Kodak, Model A

Size: $8 \times 4\frac{5}{8} \times 8\frac{5}{8}$ inches. *Weight:* $7\frac{1}{4}$ pounds. *Body:* Aluminum. *Daylight Loading:* Length of film, 50 or 100 feet. *Capacity* without reloading: Sufficient to photograph action continuously for 4.2 minutes. *Lens:* Kodak Anastigmat f.1.9, interchangeable with f.4.5 for telephoto effects. *Mechanism:* Hand-cranked, moving parts gear-operated and accurately synchronized. *Rear Finder:* Shows image through tube opening at back of camera. *Top Finder:* For use when operating camera at low level. *Auxiliary Finder:* Used with the f.4.5 lens to give corrected image size for telephoto work. *Finder Adjusting Lever:* On side of



camera, controls either rear or top finder. Back of Model A has a pointer for setting the focus and a dial that indicates the film footage. Top has strong leather carrying handle.

Kodascope, Model C

Size: 8 x 5½ x 7 inches. *Weight:* 9 pounds. *Capacity:* 400 feet of 16 mm., ⅝-inch, amateur standard film (equivalent to 1,000 feet of 35 mm. film), lasting about 16 minutes on screen. *Lens:* Optional 1-inch or 2-inch focus, Eastman-made, projecting brilliant 30 x 40-inch picture at 9 or 18 feet from screen. 2-inch lens supplied unless otherwise specified. *Illumination and Power* for electric motor which drives mechanism, taken from any house circuit, alternating or direct current, not over 125 volts nor less than 105, by attaching to socket or wall outlet. Special rheostat adapts Kodascope C to 210-250-volt current. Special Model C available for 32-volt current. *Framing Lever* for accurate screen register. *Focusing:* By turning lens barrel in socket. *Rewinding Mechanism:* Motor driven. *Film Splicing Outfit* supplied with Kodascope. One 400-foot reel furnished.

Kodascope, Model B

Size: folded: 10¼ x 7½ x 9¼ inches. *Weight:* 13¾ pounds. *Capacity:* 400 feet of 16 mm., ⅝-inch amateur standard film, Arms which hold reels fold, upper arm providing carrying handle. *Lens:* Focused by convenient lever, 2-inch focal length. Eastman-made, projecting brilliant 39 x 52-inch picture at 23 feet. *Illumination and Power:* Supplied through adjustable rheostats controlling motor speed and illumination. Ammeter indicates lamp current. Power taken from any house circuit, alternating or direct, 105 to 125 volts. *Self-threading Feature:* Automatically carries film around sprocket through gate and on to take-up reel. *Framing Knob:* Knurled and conveniently located, moves lens and aperture together, keeping picture on screen during framing operation. *Leveling Device:* Cam actuated for quick operation. *Rewind:* Motor driven. *Still Picture Device:* Allows stopping for viewing single pictures. *Reversing Switch:* Per-

mits showing action backward. *Ventilating Fan*: Keeps lamp house cool.

Kodascope, Model A

Size: $18\frac{1}{2} \times 14\frac{7}{8} \times 10\frac{3}{8}$ inches. *Weight*: 25 pounds. *Capacity*: 400 feet 16 mm., $\frac{5}{8}$ -inch film. *Lens*: Optional 1-inch or 2-inch focus, projecting a 39×52 -inch picture at $11\frac{1}{2}$ or 23 feet. Focused by handy knob. Also, 5-inch focus, projecting a 39×52 -inch picture at $57\frac{1}{2}$ feet from screen. 2-inch lens supplied unless otherwise specified. *Illumination and Power*: Supplied through adjustable rheostat attached to left side of Kodascope, and indicated by ammeter on base of Kodascope; current taken from any house circuit, alternating or direct, 105 to 125 volts. Special rheostat adapts Kodascope to 210-250-volt circuits. 32-volt equipment furnished for home generators. *Framing and Leveling screws* for accurate screen register. *Rewinding Mechanism*: Geared for quick winding by hand. *Film Splicing Outfit*: Supplied with Kodascope. Two 400-foot reels furnished.

PRICES

Ciné-Kodaks

Model B, with Kodak Anastigmat <i>f</i> .6.5 lens.....	\$ 70.00
Model B, with Kodak Anastigmat <i>f</i> .3.5 lens.....	100.00
Model B, with Kodak Anastigmat <i>f</i> .1.9 lens.....	150.00
Model A, with Kodak Anastigmat <i>f</i> .1.9 lens (including tripod).....	225.00
Interchangeable Kodak Anastigmat <i>f</i> .4.5 lens (long-focus).....	45.00

Kodascopes

Model C (105-125 volts), with 100-watt lamp and 1-inch or 2-inch lens.....	60.00
Model C (32 volts), with 100-watt lamp and 1-inch or 2-inch lens.....	60.00
Model C (6 volts) with 72-watt lamp and 1-inch or 2-inch lens.....	60.00
Model B (105-125 volts), with 200-watt lamp and 2-inch lens.....	300.00
Model B (32 volts), with 165 watt lamp.....	300.00
Model A (105-125 volts), with 200-watt lamp.....	180.00
Model A (32 volts), with 165-watt lamp.....	180.00
Model A (105-125 volts) with 5-inch lens.....	275.00

Ciné-Kodak Film

100-foot Roll, including developing, reversing, return postage.....	6.00
50-foot Roll, including developing, reversing, return postage.....	4.00
Ciné-Kodak Panchromatic Film, 100-foot Roll, including developing, reversing and return postage.....	7.50
Duplicate Prints, 100-foot continuous length.....	5.00
Duplicate Prints, 50-foot continuous length.....	3.50



CINÉ-KODAK ACCESSORIES

Ciné-Kodak, Model B, Carrying Case

This case is made of genuine leather, lined with plush. It has a strap passing down the side and underneath, assuring added strength.



The combination case for Ciné-Kodak, Model B, and two rolls of film makes for easy carrying and assures a supply of film at all times.

Ciné-Kodak, Model B, <i>f</i> .6.5 or <i>f</i> .3.5, Carrying Case.	\$ 7.50
Combination Case for Ciné-Kodak B, <i>f</i> .6.5 or <i>f</i> .3.5.	10.00
Ciné-Kodak, Model B, <i>f</i> .1.9 Carrying Case.	8.50
Combination Case for Ciné-Kodak B, <i>f</i> .1.9.	11.00

Ciné-Kodak Carrying Case, Model A, f.1.9 lens equipment



This case is built for wear; first-grade black finished cowhide, doubly stitched and lined with purple velvet. It is fitted with catches, a lock and handle. It has three compartments for the accommodation of the Ciné-Kodak, film magazine and the revolving tripod top.

Ciné-Kodak, Model A, Carrying Case, to include <i>f</i> .4.5 lens equipment	\$25.00
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Ciné-Kodak, Model A, Tripod Carrying Case

This carrying case is sturdily built with leather top and bottom, carrying handle and shoulder strap. The body of the case is ten-ounce olive drab duck.

Ciné-Kodak, Model A, Tripod Carrying Case.	\$6.50
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Tripod Handle for Ciné-Kodak, Model A, Tripod Top

This is a lever with a ball head which is screwed into the tripod top, allowing an easy, smooth movement from one side of the field of view to the other.



Tripod Handle for Ciné-Kodak, Model A, Tripod Top.	\$2.00
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Color Filters for use with Panchromatic Film

Special filters and attachments are provided for all Ciné-Kodaks, Model B. These are priced as follows:

Color Filter for Ciné-Kodak, Model B, <i>f</i> .1.9.....	\$2.50
Color Filter for Ciné-Kodak, Model B, <i>f</i> .3.5.....	1.50
Color Filter for Ciné-Kodak, Model B, <i>f</i> .6.5.....	1.50
Special Front to accommodate Color Filter for <i>f</i> .3.5.....	1.00

Ciné-Kodak Scene Record

For the amateur movie maker who produces picture plays, or who titles the picture record of his fun and his travels, the Ciné-Kodak Scene Record is almost indispensable. The base of each page is numbered, and spaces provided on the back for titles and descriptive matter. Photographing the page number makes identification of the scene easy and accurate, and greatly facilitates editing and titling.

The price of the Ciné-Kodak Scene Record, complete, is 60 cents; extra fillers, 20 cents.

Ciné-Kodak Titling Scroll

With the Ciné-Kodak Titling Scroll, you can make titles at the same time you make movies. Write the title on the blackboard surface, hook the scroll to any flat surface, and photograph. Rolled up, the scroll is only 19 inches long, and $1\frac{1}{4}$ inches in diameter. Unrolled the blackboard surface is $17\frac{3}{4}$ inches by $22\frac{1}{2}$ inches. The price of the Titling Scroll is \$2.50.

Ciné-Kodak Unipod

The Ciné-Kodak Unipod resembles a cane. It may, in fact, be used as such. The head is detachable and the staff is threaded. When screwed into the base of Ciné-Kodak, Model B, it provides a firm support, valuable in panoraming. It is priced at \$5.00.

Slow Motion Attachment

A 4-to-1 gear ratio crank attachment, which may be used in place of the regular crank, is supplied for use with the Ciné-Kodak, Model A, *f*.1.9, only. This attachment speeds the mechanism to



four times the normal speed, producing slow motion pictures. This attachment is priced at \$20.

Single Picture Attachment

A special attachment, easily and quickly affixed to the Model A in place of the regular crank, exposes but one frame of film at each revolution and makes possible such effects as animated cartoons, progressive titles, etc. This attachment is priced at \$20.

KODASCOPE ACCESSORIES

Carrying Case for Kodascope, Model C

To make Kodascope, Model C, conveniently portable plus, a case is obtainable with space included for one 400-foot reel. This carrying case is made of metal, covered with imitation leather, and is fitted with a strong leather handle. It is priced at \$5.

Kodascope, Model A, Traveling Case

This case is strongly constructed of fibre, lined with plush. Particular attention has been paid to making this case most adaptable to the requirements of the traveler. It will slide under the lower berth of a Pullman car. It is priced at \$18.

Kodascope Rewind

A valuable accessory for the projection stand, handy for those who wish to rewind films during the home show, and indispensable for titling, editing and splicing film.

A splicing outfit is attached to the baseboard. A clip by the left bracket holds an empty bottle for the film cement which is included with the rewind. The board is heavily weighted; no clamp is needed. The price, complete, is \$7.

Kodascope Film Cement

When splicing Ciné-Kodak Film it is all important to get the right cement. As manufacturers of this film we know what is right, and we supply it in 2-ounce, one pint and one gallon cans priced at 50 cents, \$1.25 and \$6 respectively.

Kodascope Film Splicing Outfit

The only correct way to splice film is to use a splicing block. Accurate alignment of the film ends, where the splice is made is assured and pressure is correctly applied. The splicing outfit, including screws for mounting, is priced at \$1.50.

Film Splicing Service

Includes splicing four 100-foot reels of Ciné-Kodak Film and supplying one 400-foot reel and humidor can. The price of this service, including the reel and can is \$2.50. For those who desire it, we will splice titles to films at places indicated. This service is done at a charge commensurate with the amount of time required.

Ciné Film Cleaning Outfit

This consists of a 4-ounce bottle of special film cleaning fluid and a strip of soft white plush. This outfit quickly and easily cleans from four to eight 400-foot reels of Ciné-Kodak Film. Complete, the outfit is priced at 75 cents.

Kodascope 400-foot Reels and Humidor Cans

Ciné-Kodak Film tends to become dry and somewhat brittle due to the fact that its natural moisture is driven off during projection. The humidor can contains a blotter which is kept from contact with the film by a metal septum. When the blotter is moist, the film is maintained in proper condition.

400-foot aluminum Kodascope Reel and Humidor Can . . .	\$1.50
Humidor Can only75
400-foot aluminum Kodascope Reel only75

The Ciné Album

This handsome accessory, for filing Cinegraphs and Ciné-Kodak Film, resembles a handsomely bound book. It is equipped with a swinging cover, and is attractively lettered in gold leaf.

Both single and double sizes are furnished. The former has a capacity of one 400-foot reel, or four 100-foot reels; the latter, two 400-foot reels, or eight 100-foot reels.

The single size is priced at \$4.50; the double size at \$7.50.

Lubricating Oil for Kodascope

This should be used as called for in your instruction book, and the life of your equipment will be materially lengthened.

Oiling Outfit for Model A Kodascope, including bottle of oil and can.....	\$0.50
Oiling Outfit for Model C Kodascope, including bottle of oil with wire in cork.....	.35

Kodascope Lenses

Unless otherwise specified, all Kodascopes are supplied with a two-inch lens. Should your projection distance require a short throw, however, a one-inch lens may be specified. The one-inch and two-inch lenses are interchangeable.

Model A, 1-inch or 2-inch Lens.....	\$15.00
Model C, 1-inch or 2-inch Lens.....	10.00

Kodascope Lamps

As these lamps are of special sizes and made especially for Kodascopes, they are not stocked by electric stores.

200-watt, Screw base Lamp for Kodascope A, 50-volt....	\$3.75
100-watt Coil-Coil Lamp for Kodascope C, 100-volt.....	3.50
100-watt Coil-Coil Lamp for Kodascope C, 115-volt.....	3.50
100-watt Lamp for Kodascope C, 32-volt.....	2.85
165-watt Lamp for Kodascope A, 32-volt.....	3.25
200-watt, Pre-focused base Lamp for Kodascope B, 50-volt	3.75
72-watt lamp for Kodascope C, 6-volt.....	2.85

Kodascope Film Clips

These handy little clips are of spring steel and they keep the film tight after rewinding. They are easily applied or removed.

Kodascope Film Clips, per doz.....	\$1.25
Kodascope Film Clips, per 100.....	9.00

Rheostats for 210-250-volt circuits

Should it be necessary at any time to adapt either of the Kodascopes to the 210-250-volt circuits in use in some cities and towns, special rheostats are supplied. These are easily attached or detached.

Kodascope A, Rheostat for 210-250-volt circuits.....	\$16.50
Kodascope C, Rheostat for 210-250-volt circuits.....	15.00



Telescopic Shipping Case

This case is strongly constructed of fibre with metal reinforced corners and firmly riveted seams. It will hold eight 400-foot reels of Ciné-Kodak Film without telescoping, or ten 400-foot reels when telescoped. The telescope cover is held by a sturdy web strap.

This case is indispensable to those who have occasion to carry or ship film. It is priced at \$3.50.

Title Service

Titles in your movies help considerably to maintain continuity and to sustain interest. You can photograph them yourself, or, if you prefer, we will make them for you. The title with an appropriate border is written on a special typewriter and then photographed on 16 mm. Ciné-Kodak Film. Titles are made at Rochester, Chicago and San Francisco.

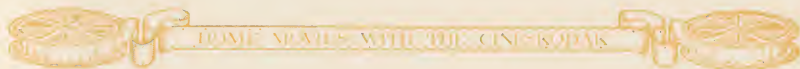
Title service, 3 cents per word; minimum charge for title, 25 cents; minimum charge per order, \$1.00.

16 mm. Copying Service

Snapshots, portraits, postcards, small paintings and the like may be copied on 16 mm. (amateur standard) film at nominal cost. Size limits of the pictures that can be used for copy run from $1\frac{5}{8} \times 2\frac{1}{2}$ inches (Vest Pocket Kodak size) to 11 x 14 inches. The maximum length of film for each picture is four feet, which is sufficient for a screen showing of about ten seconds. The cost of this service is 50 cents for each four feet of film. If greater lengths are desired, an additional amount, in proportion, will be charged. At the present time this service is maintained only at Rochester.

Ciné-Kodak News

This little magazine is mailed monthly without cost, to all Ciné-Kodak users. It contains many helpful ideas for the amateur cinematographer.



THE KODASCOPE LIBRARIES

KODASCOPE Libraries are located at strategic points throughout the United States and in many foreign countries. Hundreds of subjects are listed, and the Libraries are equipped to give you prompt and courteous service.

List of Libraries

- | | |
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| ATLANTA, GA.
<i>Kodascope Libraries, Inc.</i>
183 Peachtree St. | MONTREAL
<i>Kodascope Libraries of Canada, Ltd.</i>
104 Drummond Building |
| BOSTON, MASS.
<i>Kodascope Library of Boston, Inc.</i>
260 Tremont St. | NEW YORK, N. Y.
<i>Kodascope Libraries, Inc.</i>
35 West 42nd St. |
| BUFFALO, N. Y.
<i>Kodascope Libraries, Inc.</i>
228 Franklin St. | PHILADELPHIA, PA.
<i>Kodascope Libraries, Inc.</i>
2114 Sansom St. |
| CHICAGO, ILL.
<i>Kodascope Library of Chicago, Inc.</i>
133 N. Wabash Ave. | PITTSBURGH, PA.
<i>Kodascope Libraries, Inc.</i>
606 Wood St. |
| CINCINNATI, OHIO
<i>Kodascope Libraries, Inc.</i>
110 West 8th St. | SAN ANTONIO, TEXAS
<i>Kodascope Libraries, Inc.</i>
209 Alamo Plaza |
| CLEVELAND, OHIO
<i>Kodascope Libraries, Inc.</i>
1126 Euclid Ave. | SAN FRANCISCO, CALIF.
<i>Kodascope Libraries, Inc.</i>
241 Battery St. |
| DETROIT, MICH.
<i>Kodascope Libraries, Inc.</i>
1206 Woodward Ave. | SEATTLE, WASH.
<i>Kodascope Libraries, Inc.</i>
111 Cherry St. |
| KANSAS CITY, MO.
<i>Kodascope Libraries, Inc.</i>
916 Grand Ave. | TORONTO, ONT.
<i>Kodascope Libraries of Canada, Ltd.</i>
156 King St. West |
| LOS ANGELES, CAL.
<i>Kodascope Libraries, Inc.</i>
3150 Wilshire Blvd. | VANCOUVER
<i>Kodascope Libraries of Canada, Ltd.</i>
310 Credit Foncier Building |
| MINNEAPOLIS, MINN.
<i>Kodascope Libraries, Inc.</i>
112 So. Fifth St. | WINNIPEG
<i>Kodascope Libraries of Canada, Ltd.</i>
205 Paris Building |

FINISHING STATIONS

TO assure that your exposed films will receive prompt attention, Finishing Stations have been equipped in many important centers. You only need to select the one nearest you, and mail, or (for foreign stations) take your films to it. They are returned promptly, postpaid, ready for projection. The list follows:

ROCHESTER: Eastman Kodak Company.
 CHICAGO: Eastman Kodak Company, Indiana Avenue and 18th Street.
 SAN FRANCISCO: Eastman Kodak Company, 241 Battery Street.
 JACKSONVILLE, FLORIDA: Ciné-Kodak Service, Inc., 315 West 8th Street.
 MEXICO CITY: Kodak Mexicana, Ltd., Independencia 37.
 TORONTO: Canadian Kodak Co., Limited.
 COPENHAGEN: Kodak Aktieselskab, Ostergade 1.
 GENEVA: Kodak Société Anonyme, Rue de la Confédération 11.
 LAUSANNE: Kodak Société Anonyme, 13 Avenue du Tribunal Fédéral.
 GOTHENBURG: Hasselblads Fotogr. A. B., Ostra Hamngatan: 41 :43.
 STOCKHOLM: Hasselblads Fotogr. A. B., Hamngatan 16.
 LONDON: Kodak Limited, Kingsway, W. C. 2.
 BARCELONA: Kodak Sociedad Anónima, Fernando 3.
 MADRID: Kodak Sociedad Anónima, Puerta del Sol 4.
 MILAN: Kodak Società Anonima, Corso Vittorio Enamuele 34.
 FLORENCE: Kodak Società Anonima, Via Calzaiuoli 17.
 LISBON: Kodak Limited, Rua Garrett 33.
 OSLO (CHRISTIANIA): J. L. Nerlien, A. S. Nedre Slotsgt. 13.
 PARIS: Kodak Pathé, Place Vendôme 28.
 NICE: Kodak Pathé, Avenue de la Victoire 13.
 BERLIN: Kodak Aktiengesellschaft, Markgrafenstrasse 76.
 AMSTERDAM: Kodak Limited, Kalverstraat 126.
 BRUSSELS: Kodak Limited, Rue Neuve 88.
 VIENNA: Kodak Ges. m. b. H. I Karntnerstrasse 53.
 BUDAPEST: Kodak Limited, Vaczi-utca 9.
 ROME: Kodak Società Anonima, Via Nazionale 25.
 BOMBAY: Kodak Limited, Kodak House, Hornby Road.
 BATAVIA: Kodak Limited, Noordwijk 38 Weltevreden.
 SOERABAJA: Kodak Limited, Tempelstraat 3.
 CAIRO: Kodak (Egypt) Société Anonyme, Sharia Elfy Bev. 3.
 SINGAPORE: Kodak Limited, 3 Battery Road.
 CALCUTTA: Kodak Limited, 17 Park St.
 SHANGHAI: Eastman Kodak Co., 64 Kiangse Road.
 OSAKA: Ciné-Kodak Service Japan, Inc., 1 Dojima Building.
 CAPE TOWN: Kodak (South Africa) Ltd., 38 Adderley Street.
 BUENOS AIRES: Kodak Argentina Limited, Calle Paso 438.
 RIO DE JANEIRO: Kodak Brasileira, Limited, Rua São Pedro, 270.
 MONTEVIDEO: Kodak Uruguay Limited, Colonia 1222.
 HAVANA: Kodak Cubana Ltd., Zenea 236.
 PANAMA CITY: Kodak Panama, Ltd., Edificio Grebmar, Ave. Pablo Arosemena.
 VALPARAISO: Kodak Chilena, Ltd., Salvador Donoso 344.
 MELBOURNE: Kodak Australasia Pty. Limited, 284 Collins St.



Royal Film Service

125 Michigan Ave.

JACKSON, MICH.